

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/531,637  
Source: PAT  
Date Processed by STIC: 4-26-05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 04/26/2005

PATENT APPLICATION: US/10/531,637

TIME: 15:45:14

Input Set : A:\shardna.ST25.4.15.05.txt

Output Set: N:\CRF4\04262005\J531637.raw

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3 <110> APPLICANT: SHARDNA SpA
5 <120> TITLE OF INVENTION: Diagnostic and therapeutic means for kidney stone related
pathologies
7 <130> FILE REFERENCE: 30183
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/531,637
C--> 9 <141> CURRENT FILING DATE: 2005-04-15
9 <160> NUMBER OF SEQ ID NOS: 36
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
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15 <212> TYPE: DNA
16 <213> ORGANISM: Artificial Sequence
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19 <223> OTHER INFORMATION: ZNF 365 amplification primer
21 <220> FEATURE:
22 <221> NAME/KEY: primer_bind
23 <222> LOCATION: (1)..(20)
24 <223> OTHER INFORMATION:
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28 ctccactcca cttttttaag 20
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34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: ZNF65 amplification primer
39 <220> FEATURE:
40 <221> NAME/KEY: primer_bind
41 <222> LOCATION: (1)..(20)
42 <223> OTHER INFORMATION:
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46 gctgacattg gtacttactg 20
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52 <213> ORGANISM: Homo sapiens
54 <400> SEQUENCE: 3
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58 <210> SEQ ID NO: 4
59 <211> LENGTH: 20
60 <212> TYPE: DNA
61 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 4
64 aacaagtcgg gtaagaggcg 20

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67 <210> SEQ ID NO: 5
68 <211> LENGTH: 20
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <400> SEQUENCE: 5
73 cccctcccag gacttttaga                                20
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 6
82 ggaaagaaga gtaagtgttg                                20
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 7
91 tgccttgacg agaagttgtc                                20
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Homo sapiens
99 <400> SEQUENCE: 8
100 cgggcacgtg gtgagtcacc                                20
103 <210> SEQ ID NO: 9
104 <211> LENGTH: 20
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 9
109 tttccttcag cttacagaca                                20
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113 <211> LENGTH: 20
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 10
118 ccaaatgcct gtatgtatgt                                20
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122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 11
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131 <211> LENGTH: 20
132 <212> TYPE: DNA
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 12
136 agctgttaag aattcctgct                                20
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140 <211> LENGTH: 20
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
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153 <400> SEQUENCE: 14
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171 <400> SEQUENCE: 16
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177 <212> TYPE: DNA
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 17
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187 <213> ORGANISM: Homo sapiens
189 <400> SEQUENCE: 18
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193 <210> SEQ ID NO: 19
194 <211> LENGTH: 20
195 <212> TYPE: DNA
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198 <400> SEQUENCE: 19
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203 <211> LENGTH: 20
204 <212> TYPE: DNA
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208 gctactgcag gtgaatactc                                20
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212 <211> LENGTH: 20

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216 <400> SEQUENCE: 21  
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221 <211> LENGTH: 20  
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229 <210> SEQ ID NO: 23  
230 <211> LENGTH: 20  
231 <212> TYPE: DNA  
232 <213> ORGANISM: Homo sapiens  
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238 <210> SEQ ID NO: 24  
239 <211> LENGTH: 20  
240 <212> TYPE: DNA  
241 <213> ORGANISM: Homo sapiens  
243 <400> SEQUENCE: 24  
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247 <210> SEQ ID NO: 25  
248 <211> LENGTH: 20  
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250 <213> ORGANISM: Homo sapiens  
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256 <210> SEQ ID NO: 26  
257 <211> LENGTH: 20  
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262 tcaattcaag gtcatttttg 20  
265 <210> SEQ ID NO: 27  
266 <211> LENGTH: 20  
267 <212> TYPE: DNA  
268 <213> ORGANISM: Homo sapiens  
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283 <210> SEQ ID NO: 29  
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286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 29
289 atctctgcag agaaagtgtc
292 <210> SEQ ID NO: 30
293 <211> LENGTH: 20
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295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 30
298 tgtgtgattg gtaagaattt
301 <210> SEQ ID NO: 31
302 <211> LENGTH: 20
303 <212> TYPE: DNA
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 31
307 gtcttcatag gcaaattgac
310 <210> SEQ ID NO: 32
311 <211> LENGTH: 20
312 <212> TYPE: DNA
313 <213> ORGANISM: Homo sapiens
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316 tacacagtgt atacagtttt
319 <210> SEQ ID NO: 33
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321 <212> TYPE: PRT
322 <213> ORGANISM: Homo sapiens
324 <400> SEQUENCE: 33
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327 1 5 10 15
330 Phe Glu Asn Val Ala Val Cys Leu Pro Leu Arg Cys Pro Arg Cys Gly
331 20 25 30
334 Asp His Thr Arg Phe Arg Ser Leu Ser Ser Leu Arg Ala His Leu Glu
335 35 40 45
338 Phe Ser His Ser Tyr Glu Glu Arg Thr Leu Leu Thr Lys Cys Ser Leu
339 50 55 60
342 Phe Pro Ser Leu Lys Asp Thr Asp Leu Val Thr Ser Ser Glu Leu Leu
343 65 70 75 80
346 Lys Pro Gly Lys Leu Gln Ser Ser Gly Asn Val Val Lys Gln Lys Pro
347 85 90 95
350 Ser Tyr Val Asn Leu Tyr Ser Ile Ser His Glu His Ser Lys Asp Arg
351 100 105 110
354 Lys Pro Phe Glu Val Val Ala Glu Arg Pro Val Ser Tyr Val Gln Thr
355 115 120 125
358 Tyr Thr Ala Met Asp Leu His Ala Asp Ser Leu Asp Gly Thr Arg Ser
359 130 135 140
362 Gly Pro Gly Leu Pro Thr Ser Asp Thr Lys Ala Ser Phe Glu Ala His
363 145 150 155 160
366 Val Arg Glu Lys Phe Asn Arg Met Val Glu Ala Val Asp Arg Thr Ile
367 165 170 175
370 Glu Lys Arg Ile Asp Lys Leu Thr Lys Glu Leu Ala Gln Lys Thr Ala

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**VERIFICATION SUMMARY**

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:27 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:24

L:45 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:42